PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE.

In re PATENT APPLICATION of

Stuart Stephen Papworth PARKIN et al. Art Unit: 2815

Serial No: 10/720,962 Examiner: J.H. Nguyen

Filed: November 24, 2003 Confirmation No.: 5214

For: MAGNETIC TUNNER Attorney Ref.: ARC920030058US1

JUNCTIONS WITH IMPROVED

TUNNELING

MAGNETORESISTANCE

AMENDMENT

MAIL STOP AF

Commissioner For Patents P.O. Box 1450 Alexandria, VA 22313-1450 REPLY UNDER 37 C.F.R. § 116 EXPEDITED PROCEDURE TECHNOLOGY CENTER 2800

Sir:

In response to the final Office Action mailed January 28, 2008, please amend the abovecaptioned application as set forth below, and reconsider this application in view of the following remarks.

The Claims are reflected in the listing of the claims that begins on page 2 of this paper.

Remarks and Arguments begin on page 9 of this paper.